

ROTIFERA RECORDED FROM AUSTRALIA

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Summary

SHIEL, R. J. & KOSTE, W (1979) Rotifera recorded from Australia. *Trans. R. Soc. S. Aust.* **103**(3), 57-68, 31 May, 1979.

Three hundred and thirty-one taxa of Rotifera, in 73 genera, are recorded from Australia. Species names, with published synonymy, are listed alphabetically. Locality records are also given.

Introduction

Despite increasing interest in Australia's inland water resources, little is known of the ubiquitous rotifer fauna. Since the work of Anderson & Shephard (1892), Colledge (1909-1924), Shephard (1892-1922) and others, the only reports of Rotifera have been species lists from single collections (Russell 1957, 1961; Berzins 1953, 1955, 1963) or individual descriptions (Sudzuki 1975; Sudzuki & Timms 1977). Taxonomic confusion within the group has persisted; no adequate record of the rotifers of Australia is extant.

This paper contributes a list of all species recorded to date from the continent. Recent advances in taxonomy, particularly with the recognition of morphological variability within species (see Koste 1978) has enabled synonymies to be established for many of the early records. Of more than 450 recorded species, 279 are recognized here. A further 52 taxa are recorded for the first time as a result of a survey of the zooplankton of the Murray-Darling system (Shiel 1978, 1979, in press, in prep.¹; Koste 1979). Varieties are included in the list because in some cases they are the only representatives of the species found to date in Australia.

The format adopted is as follows: valid species names are given in alphabetical order. Frequently occurring synonyms and date of synonymy are given with each valid name, as are locality data and principal references. References citing Rotifera to genus only have been excluded, as have some of the many early

works with repetitive listings. *Nomina dubia* and records which are uncertain due to insufficient information, typographical or locality errors are listed separately. Sources of synonymy are: Chengalath (1977), Haring (1913), Koste (1978), Kutikova (1970), Russell (1961), Ruttner-Kolisko (1974), Sudzuki (1964) and Voigt (1956/1957).

Rotifera recorded from Australia

- Adineta barbata* Janson, 1893
Locality: N.S.W. (Murray 1911).
- Adineta gracilis* Janson, 1893
Locality: N.S.W. (Murray 1911).
- Adineta longicornis* Murray, 1906
Locality: N.S.W. (Murray 1911).
- Adineta tuberculosa* Janson, 1893
Locality: N.S.W. (Murray 1911).
- Adineta vaga* (Davis) 1873
Locality: N.S.W. (Murray 1911).
- Anuraeopsis fissa* (Gosse) 1851
1851 *Anuraea fissa* Gosse.
1886 *Anuraea hypelasma* Gosse.
Locality: N.S.W. (Whitelegge 1889),
W.A. (Berzins 1953).
- Ascomorpha ecaudis* (Perty) 1850
1851 *Sacculus viridis* Gosse.
Locality: N.S.W. (Whitelegge 1889), Qld
(Colledge 1911).
- Ascomorpha ovalis* (Carlin) 1943
Locality: N.S.W. (Shiel in prep.).
- Asplanchna brightwelli* Gosse, 1850
Locality: N.S.W. (Whitelegge 1889), Qld
(Thorpe 1889, Colledge 1911, Russell
1961), S.A. (Shiel, 1978), Vic. (Anderson & Shephard 1892, Shiel 1978),
W.A. (Berzins 1953).

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¹Shiel, R. J. Ecology of the rotifer plankton of the Murray-Darling river system. PhD thesis, in preparation.

- Asplanchna girodi* (De Guerre) 1888
Locality: N.S.W. (Shiel in prep.).
- Asplanchna intermedia* Hudson, 1886
Locality: Qld (Colledge 1914).
- Asplanchna priodonta* Gosse, 1850
Locality: N.S.W. (Shiel in prep.), Qld (Russell, 1961), Vic. (Shiel, in prep.).
- Asplanchna sieboldi* (Lcydig) 1854
1883 *Asplanchna ebbeshornii* Hudson.
1889 ?*Asplanchna amphora* Hudson.
Locality: N.S.W. (Whitelegge 1889), Qld (Colledge 1911), Vic. (Shephard, 1899).
- Asplanchnopus hyalinus* Harring, 1913
Locality: Vic. (Shiel in prep.).
- Asplanchnopus multiceps* (Schrank) 1793
1878 *Asplanchna myrmelio* Eyferth.
Locality: N.S.W. (Whitelegge 1889); Qld (Colledge 1914), Vic. (Anderson & Shephard 1899).
- Beauchampia crucigera* (Dutrochet) 1812
1862 *Cephalosiphon linnias* Gosse.
Locality: N.S.W. (Whitelegge 1889), Qld (Colledge 1914), Vic. (Anderson & Shephard 1892).
- Brachionus angularis* Gosse, 1851
Locality: S.A. (Shiel 1979), Qld (Colledge 1911), Vic. (Shiel in prep.), W.A. (Berzins 1953).
- Brachionus angularis bidens* Plate, 1886
1886 *Brachionus bidens* Plate.
Locality: Vic. (Shiel in prep.).
- Brachionus baylyi* Sudzuki & Timms, 1977
Locality: N.S.W. (Sudzuki 1975).
- Brachionus bidentata bidentata* Anderson, 1889
Locality: Vic. (Shiel in prep.).
- Brachionus bidentata jiroveci* Bartos, 1947
Locality: Vic. (Shiel in prep.).
- Brachionus bidentata testudinarius* Jacobski, 1912
Locality: Vic. (Shiel, in prep.).
- Brachionus budapestinensis* (Daday) 1885
1894 *Brachionus quadridentatus* Kertesz.
Locality: N.S.W. (Shiel 1979), S.A. (Shiel in press).
- Brachionus calyciflorus amphicerus* Ehrenberg, 1838
Locality: Qld (Colledge 1911), S.A. (Shiel, 1979).
- Brachionus calyciflorus aneuriformis* Brehm, 1909
1909 *Brachionus anuraeformis* Brehm.
Locality: S.A. (Shiel in press), Vic. (Shiel, 1979).
- Brachionus calyciflorus calyciflorus* Pallas, 1766
1838 *Brachionus pala* Ehrenberg.
Locality: N.S.W. (Shiel 1979), S.A. (Shiel in prep.), Qld (Russell 1961), Vic. Shephard 1899, Powling 1979).
- Brachionus caudatus* Barrois & Daday, 1894
1911 ?*Brachionus lyratus* Shephard.
Locality: Qld (Russell 1961), Vic. (Shephard 1911).
- Brachionus dichotomus* Shephard, 1911
Locality: Vic. (Shephard 1911), Qld (Shiel, in prep.).
- Brachionus diversicornis* (Daday) 1883
1883 *Schizocerca diversicornis* Daday.
Locality: S.A. (Shiel in press), Vic. (Powling 1979).
- Brachionus falcatus* Zacharias, 1898
Locality: Qld (Colledge 1909, 1911; Russell 1961), S.A. (Shiel in press), Vic. (Shiel in prep.).
- Brachionus keikoa* Koste, 1979
Locality: S.A. (Koste 1979), Qld (Shiel in prep.).
- Brachionus leydigii rotundus* (Rousselet) 1907
1907 *Brachionus quadratus* var. *rotundus* Rousselet.
Locality: Vic. (Shiel in prep.).
- Brachionus novaezealandia* (Morris) 1912
Locality: S.A. (Shiel in press), Vic. (Shiel in prep.).
- Brachionus patulus* Müller, 1786
1948 *Platyas patulus* Gillard.
Locality: N.S.W. (Whitelegge 1889), Qld (Thorpe 1889).
- Brachionus plicatilis* Müller, 1786
1834 *Brachionus mülleri* Ehrenberg.
Locality: Qld (Russell 1961), Vic. (Walker 1973).
- Brachionus quadridentatus melheni* Barrois & Daday, 1894
1894 *Brachionus capsuliformis* var. *melheni* Barrois & Daday.
Locality: Vic. (Shiel 1979).
- Brachionus quadridentatus quadridentatus* Hermann, 1783
1766 *Brachionus capsuliflorus* Pallas.
1786 *Brachionus bakeri* Müller.
1889 *Brachionus bakeri* var. *longispinae* Thorpe.
Locality: Qld (Russell 1961), Vic. (Shiel 1978), W.A. (Berzins 1953).
- Brachionus urceolaris beunini* Leissling, 1924
Locality: S.A. (Shiel 1979), Vic. (Shiel in prep.).
- Brachionus urceolaris nilsoni* Ahlstrom, 1940
Locality: Vic. (Shiel in prep.).
- Brachionus urceolaris rubens* Ehrenberg, 1838
Locality: Qld (Colledge 1911, Russell 1961), Vic. (Anderson & Shephard 1892, Shiel 1979).
- Brachionus urceolaris urceolaris* (Müller) 1773
Locality: Qld (Colledge 1911), S.A. (Koste 1979), Vic. (Shiel 1979).

- Cephalodella biungulata* Wulfert, 1937
Locality: Vic. (Shiel in prep.).
- Cephalodella catellina* (Müller) 1786
1830 *Diglena catellina* Ehrenberg.
Locality: N.S.W. (Whitelegge 1889).
- Cephalodella forficata* (Ehrenberg) 1832
1832 *Diaschiza forficata* Ehrenberg.
1832 *Notommata forficata*: Ehrenberg.
1886 *Diaschiza paeta* Gosse.
1886 *Furcularia ensifera* Gosse.
1903 *Diaschiza caeca* Dixon-Nuttall & Freeman.
Locality: N.S.W. (Whitelegge 1889), Qld (Colledge 1911, 1914).
- Cephalodella forficula* (Ehrenberg) 1832
1838 *Furcularia forficula* Ehrenberg.
Locality: N.S.W. (Whitelegge 1889; Murray 1913), Qld (Colledge 1914), W.A. (Berzins 1953).
- Cephalodella gibba gibba* (Ehrenberg) 1832
1886 *Diaschiza semiaperta* Gosse.
Locality: N.S.W. (Whitelegge 1889), Qld (Colledge 1911), S.A. (Shiel in prep.), Vic. (Anderson & Shephard 1892).
- Cephalodella gisleni* Berzins, 1953
Locality: S.A. (Shiel in press), W.A. (Berzins 1953).
- Cephalodella tenuiseta* (Burn) 1890
Locality: W.A. (Berzins 1953).
- Cephalodella tinca* Wulfert 1937
Locality: Vic. (Shiel in prep.).
- Ceratotrocha cornigera* (Bryce) 1893
Locality: N.S.W. (Murray 1911).
- Chromogaster ovalis* (Bergendal) 1892
1892 *Anapus ovalis* Bergendal.
Locality: Qld (Colledge 1911).
- Collotheca ambigua* (Hudson) 1883
1883 *Floscularia ambigua* Hudson.
Locality: N.S.W. (Whitelegge 1889), Vic. (Anderson & Shephard 1892).
- Collotheca campanulata* (Dobie) 1849
1849 *Floscularia campanulata* Dobie.
Locality: N.S.W. (Whitelegge 1889), Qld (Colledge 1911), Vic. (Anderson & Shephard 1892).
- Collotheca cornuta* (Dobie) 1849
1849 *Floscularia cornuta* Dobie.
Locality: N.S.W. (Whitelegge 1889), Vic. (Anderson & Shephard 1892).
- Collotheca coronetta* (Cubitt) 1869
1869 *Floscularia coronetta* Cubitt.
Locality: N.S.W. (Hudson 1889), Qld (Thorpe 1889), S.A. (Hudson 1889), Vic. (Anderson & Shephard 1892).
- Collotheca cyclops* Cubitt, 1871
Locality: N.S.W. (Whitelegge 1889).
- Collotheca evansonii* (Anderson & Shephard) 1892
1892 *Floscularia evansonii* Anderson & Shephard.
Locality: Vic. (Anderson & Shephard 1892).
- Collotheca longicaudata* (Hudson) 1883
1883 *Floscularia longicaudata* Hudson.
Locality: Qld (Colledge 1911, 1914).
- Collotheca mutabilis* (Hudson) 1885
1885 *Floscularia mutabilis* Hudson.
Locality: N.S.W. (Shiel in prep.).
- Collotheca ornata* (Ehrenberg) 1832
1832 *Floscularia ornata* Ehrenberg.
Locality: N.S.W. (Whitelegge 1889), Qld (Thorpe 1887, Colledge 1911), Vic. (Anderson & Shephard 1892).
- Collotheca pelagica* (Rousselet) 1893
1893 *Floscularia pelagica* Rousselet.
Locality: N.S.W. (Shiel, in prep.).
- Collotheca trilobata* (Collins) 1872
1872 *Floscularia trilobata* Collins.
Locality: Qld (Colledge 1914).
- Colurella bicuspidata* (Ehrenberg) 1832
1832 *Colurus bicuspideus* Ehrenberg.
1832 *Colurus uncinata* f. *bicuspidata* Ehrenberg.
Locality: N.S.W. (Whitelegge 1889), Vic. (Anderson & Shephard 1892).
- Colurella obtusa* (Gosse) 1886
1886 *Colurus obtusa* Gosse.
1886 *Colurus amphytelus* Gosse.
Locality: N.S.W. (Whitelegge 1889), Qld (Thorpe 1889, Russell 1961), W.A. (Berzins 1953).
- Colurella uncinata deflexa* (Ehrenberg) 1834
1834 *Colurus deflexus* Ehrenberg.
Locality: Qld (Colledge 1911).
- Colurella uncinata uncinata* (Müller) 1773
1773 *Brachionus uncinatus* Müller.
1830 *Colurus uncinatus*: Ehrenberg.
1886 *Colurus dacrylotus* Gosse.
Locality: N.S.W. (Whitelegge 1889), Qld (Colledge 1911), Vic. (Shiel in prep.).
- Conochilus coenobasis* (Skorikow) 1914
1914 *Conochiloides coenobasis* Skorikow.
Locality: Vic. (Berzins 1963).
- Conochilus dossuarius* (Hudson) 1885
1885 *Conochiloides dossuarius* Hudson.
Locality: N.S.W., S.A., Vic. (Shiel 1979, in press), Qld (Colledge 1911).
- Conochilus hippocrepis* (Schränk) 1830
1834 *Conochilus volvox* Ehrenberg.
Locality: Qld (Colledge 1909, Russell 1961), Vic. (Anderson & Shephard 1892).
- Conochilus natans* (Seligo) 1900
1900 *Tubicularis natans* Seligo.
1904 *Conochiloides natans*: Hlaváček.

- Locality: Qld (Russell 1961), S.A., Vic.
(Shiel in press, in prep.).
- Conochilus unicornis* Rousset, 1892
Locality: Qld (Colledge 1911), S.A., Vic.
(Shiel in press, in prep.).
- Cupelopagis vorax* (Leidy) 1857
Locality: Vic. (Shiel 1979).
- Cyrtonia tuba* (Ehrenberg) 1834
1834 *Notommata tuba* Ehrenberg.
Locality: Qld (Colledge 1911).
- Dicranophorus caudatus* (Ehrenberg) 1834
1851 *Diglena biraphis* Gosse.
Locality: Qld (Thorpe 1889).
- Dicranophorus forcipatus* (Müller) 1786
1832 *Diglena forcipata*: Ehrenberg.
Locality: N.S.W. (Whitelegge 1889), Qld
(Colledge 1914), Vic. (Shiel in prep.).
- Dicranophorus grandis* (Ehrenberg) 1832
1832 *Diglena grandis* Ehrenberg.
Locality: Qld (Colledge 1911, 1914).
- Dicranophorus haueriensis* Wisniewski, 1939
Locality: Vic. (Shiel in prep.).
- Dicranophorus lutkeni* (Bergendal) 1892
Locality: Vic. (Shiel in prep.).
- Diplois daviesiae* Gosse, 1886
Locality: Qld (Thorpe 1887).
- Dissotrocha aculeata* (Ehrenberg 1832)
1832 *Philodina aculeata* Ehrenberg.
Locality: N.S.W. (Whitelegge 1889).
- Dissatrocha macrosyla* (Ehrenberg, 1838)
Locality: N.S.W., Qld (Murray, 1911).
- Elosa woralli* Lord, 1891
Locality: N.S.W. (Murray 1913).
- Encentrum felis* (Müller) 1773
1886 *Proales felis*: Hudson & Gosse.
Locality: N.S.W. (Whitelegge 1889).
- Encentrum putorius putorius* Wulfert, 1936
Locality: Vic. (Shiel in prep.).
- Encentrum saundersiae* (Hudson) 1885
1885 *Taphrocampa saundersiae* Hudson.
Locality:
- Enteroplea lacustris* Ehrenberg, 1830
1889 *Triphylus lacustris*: Hudson & Gosse.
Locality: Qld (Colledge 1914).
- Eosphora ehrenbergii* Weber, 1918
1832 *Notommata najas* Ehrenberg.
Locality: Vic. (Anderson & Shephard,
1892).
- Eosphora najas* Ehrenberg, 1830
1838 *Eosphora digitata* Ehrenberg.
Locality: Qld (Colledge 1911).
- Epiphanes brachionus* (Ehrenberg) 1837
1837 *Notommata brachionus* Ehrenberg.
1886 *Notops brachionus* Hudson.
Locality: Qld (Colledge 1914), Vic.
(Shephard 1899).
- Epiphanes clavulata* (Ehrenberg) 1832
1832 *Notommata clavulata* Ehrenberg.
1886 *Notops clavulatus*: Hudson.
Locality: Qld (Thorpe 1889, Colledge
1911, 1914), S.A., Vic. (Shiel 1979, in
press).
- Epiphanes senta* (Müller) 1773
1830 *Hydatina senta* Ehrenberg.
Locality: N.S.W. (Whitelegge 1889), Vic.
(Anderson & Shephard 1892).
- Euchlanis deflexa* (Gosse) 1851
Locality: Vic. (Shiel in prep.), W.A.
(Berzins 1953).
- Euchlanis dilatata dilatata* Ehrenberg, 1832
Locality: N.S.W. (Whitelegge 1889),
Qld (Colledge 1911, Russell 1961), S.A.
(Shiel, in press), Vic. (Anderson &
Shephard 1892, Shephard 1899).
- Euchlanis dilatata larga* (Kutikova) 1959
Locality: Vic. (Shiel in prep.).
- Euchlanis dilatata lucksiana* Hauer, 1930
Locality: Vic., S.A. (Shiel in prep.).
- Euchlanis incisa* Carlin, 1939
Locality: Vic. (Shiel 1979).
- Euchlanis lyra* Hudson, 1886
Locality: Vic. (Berzins 1963).
- Euchlanis meneta* Myers, 1930
Locality: Vic. (Berzins 1963).
- Euchlanis oropha* Gosse, 1887
Locality: Qld (Colledge 1911).
- Euchlanis parva* Rousset, 1892
Locality: Vic. (Shiel, in prep.).
- Euchlanis triquetra* Ehrenberg, 1838
Locality: N.S.W. (Whitelegge 1889), Qld
(Thorpe 1887, 1889).
- Filinia brachiata* (Rousset) 1901
1901 *Triarthra brachiata* Rousset.
Locality: N.S.W. (Murray 1911).
- Filinia longiseta* (Ehrenberg) 1834
1834 *Triarthra longiseta* Ehrenberg.
Locality: N.S.W. (Shiel, 1978), Qld
(Thorpe 1889, Colledge 1911), S.A.
(Shiel 1979), Vic. (Anderson & Shep-
hard 1892).
- Filinia longiseta limnetica* (Zacharias) 1893
Locality: S.A. (Shiel in press).
- Filinia opoliensis* (Zacharias) 1898
1898 *Tetramastix opoliensis* Zacharias.
Locality: Qld (Russell 1961), S.A. (Shiel
1978).
- Filinia passa* (Müller) 1786
Locality: S.A., Vic. (Shiel in press).
- Filinia pejleri* Hutchinson, 1964
Locality: N.S.W., S.A. (Shiel in press).
- Filinia pejleri grandis* Koste, 1979
Locality: S.A. (Koste 1979).
- Filinia terminalis* (Plate) 1886
Locality: S.A. (Shiel, 1979, in press).
- Floscularia conifera* (Hudson) 1886
1886 *Mellicerta conifera* Hudson.

- Locality: N.S.W. (Whitelegge 1889), Qld (Thorpe 1889, Colledge 1914), Vic. (Anderson & Shephard 1892).
- Floscularia janus* (Hudson) 1881
1886 *Melicerta janus* Hudson.
Locality: N.S.W. (Whitelegge 1889).
- Floscularia melicerta* (Ehrenberg) 1832
1886 *Melicerta tubicolaria* Gosse.
1899 *Melicerta fimbriata* Shephard & Stickland.
Locality: Qld (Colledge 1911, 1924), Vic. (Shephard & Stickland 1899).
- Floscularia ringens* (Linnaeus) 1958
1803 *Melicerta ringens*: Schrank.
Locality: N.S.W. (Whitelegge, 1889); Qld (Thorpe 1889, Colledge 1909), Vic. (Anderson & Shephard 1892).
- Gastropus hyptopus* (Ehrenberg) 1838
1838 *Notommata hyptopus* Ehrenberg.
Locality: Qld. (Russell 1961), N.S.W. (Shiel in prep.).
- Gastropus minor* (Rousslet) 1892
1892 *Notops minor* Rousslet.
Locality: Qld (Colledge 1911), N.S.W. (Shiel in prep.).
- Gastropus stylifer* Imhof, 1891
Locality: Qld (Colledge 1911).
- Habrotrocha angusticollis* (Murray) 1905
Locality: N.S.W., Qld (Murray 1911).
- Habrotrocha appendiculata* Murray, 1911
Locality: Qld (Laird 1956, Russell 1961).
- Habrotrocha aspera* (Bryce) 1892
Locality: N.S.W. (Murray 1911).
- Habrotrocha constricta* (Dujardin) 1841
Locality: N.S.W. (Murray 1911).
- Habrotrocha caudata* Murray, 1911
Locality: N.S.W., Qld (Murray 1911).
- Habrotrocha leitgehi* (Zelinka) 1886
Locality: N.S.W. (Murray 1911).
- Habrotrocha longiceps* (Murray) 1906
1906 *Callidina longiceps* Murray.
Locality:
- Habrotrocha perforata* (Murray) 1906
Locality: N.S.W., Qld (Murray 1911).
- Habrotrocha pusilla* (Bryce) 1896
Locality: N.S.W. (Murray 1911).
- Habrotrocha strangulata* Murray, 1911
Locality: N.S.W. (Murray 1911).
- Habrotrocha tridens* (Milne) 1886
Locality: N.S.W. (Murray 1911).
- Hexarthra jennica* (Levander) 1892
Locality: Qld (Russell 1961).
- Hexarthra intermedia* (Wisniewski) 1929
Locality: N.S.W., S.A., Vic. (Shiel, 1978, in press).
- Hexarthra jenkinne* (Beauchamp) 1932
Locality: Vic. (Wulker 1973).
- Hexarthra mira* (Hudson) 1871
1871 *Pedalia mira* Hudson
Locality: N.S.W., S.A., Vic. (Shiel in prep.), Qld (Russell 1961).
- Haraella bhehni* Donner, 1949
Locality: S.A. (Koste & Shiel, unpublished).
- Iura aurita* (Ehrenberg) 1830
1830 *Diglena aurita* Ehrenberg.
1836 *Eosphora aurita*: Werneck.
Locality: Qld (Colledge 1911).
- Keratella australis* Berzins, 1963
1963 *Keratella quadrata australis* Berzins.
Locality: N.S.W., Qld, S.A., Vic. (Shiel, 1978, 1979), Vic. (Berzins 1963).
- Keratella cochlearis cochlearis* (Gosse) 1851
1851 *Anuraea cochlearis* Gosse.
Locality: Vic. (Berzins 1963), N.S.W., S.A. (Shiel 1978, 1979), Qld (Colledge 1911).
- Keratella cochlearis hispida* (Lauterborn) 1898
Locality: Qld (Russell 1961).
- Keratella cruciformis* (Thompson) 1892
Locality: Qld (Colledge 1914).
- Keratella javana* Hauer, 1937
1952 *Keratella carinata* Russell.
Locality: Vic. (Berzins 1963), W.A. Berzins 1953).
- Keratella lenzi* Hauer, 1953
Locality: Qld (Berzins 1955).
- Keratella procurva* (Thorpe) 1891
1891 *Anuraea procurva* Thorpe.
1943 *Keratella vulga procurva*: Ahlstrom.
Locality: Vic. (Berzins 1963), W.A. (Berzins 1953).
- Keratella quadrata* (Müller) 1786
1832 *Anuraea aculeata* Ehrenberg.
1838 *Anuraea curvicornis* Ehrenberg.
Locality: N.S.W. (Whitelegge 1889), Qld (Thorpe 1889), Vic. (Anderson & Shephard 1892).
- Keratella serrulata* (Ehrenberg) 1838
1838 *Anuraea serrulata* Ehrenberg.
Locality: Qld (Russell 1961), S.A. (Shiel in press).
- Keratella shieli* Koste, 1979
Locality: S.A. (Koste 1979).
- Keratella slucki* (Berzins) 1963
1963 *Keratella vulga slucki* Berzins.
Locality: Vic. (Berzins 1963), S.A. (Shiel 1979).
- Keratella tropica tropica* (Apstein) 1907
Locality: Qld (Russell 1961), N.S.W., S.A., Vic. (Shiel 1979, in press).
- Keratella vulga* (Ehrenberg) 1834
1834 *Anuraea vulga* Ehrenberg.
Locality: Qld (Russell 1961), N.S.W., Vic. (Shiel 1978).

- Lacinularia elliptica* Shephard, 1897
Locality: Vic. (Shephard 1897), Qld (Colledge 1914), N.S.W., S.A. (Shiel in prep.).
- Lacinularia elongata* Shephard, 1897
Locality: Vic. (Shephard 1897).
- Lacinularia flosculosa* (Müller) 1758
1830 *Lacinularia socialis* Ehrenberg.
Locality: N.S.W. (Whitelegge 1889), Qld (Colledge 1914), Vic. (Anderson & Shephard 1892).
- Lacinularia ismaeloviensis* (Poggenpol) 1872
1891 *Lacinularia natans* Western.
Locality: Vic. (Shiel in prep.).
- Lacinularia pedunculata* Hudson, 1889
Locality: N.S.W. (Hudson 1889), Vic. (Anderson & Shephard 1892).
- Lacinularia racemoyata* Thorpe, 1892
Locality: Qld (Colledge 1914).
- Lacinularia reticulata* Anderson & Shephard, 1892
Locality: Vic. (Anderson & Shephard 1892).
- Lacinularia striolata* Shephard, 1899
Locality: Vic. (Shephard 1899).
- Lecane arcuata* (Bryce) 1891
1891 *Monostyla arcuata* Bryce.
Locality: Qld (Russell 1961).
- Lecane batillifer* (Murray) 1913
1913 *Monostyla batillifer* Murray.
Locality: N.S.W. (Murray 1913).
- Lecane brachydaetyla* (Stenroos) 1898
1898 *Cathypna brachydaetyla* Stenroos.
Locality: Qld (Colledge 1914).
- Lecane bulla bulla* (Gosse) 1851
1851 *Monostyla bulla* Gosse.
Locality: N.S.W. (Whitelegge 1889), Qld (Colledge 1911, Laird 1956), W.A. (Berzins 1953), Vic. (Berzins 1963).
- Lecane closterocerca* (Schmarda) 1895
1926 *Monostyla closterocerca*: Harring and Myers.
Locality: W.A. (Berzins 1953), Vic. (Shiel in prep.).
- Lecane cornuta* (Müller) 1786
1786 *Trichoda cornuta*: Müller.
1830 *Monostyla cornuta* Ehrenberg.
1830 *Monostyla robusta* Ehrenberg.
Locality: N.S.W. (Sudzuki & Timms, 1977); Qld. (Colledge 1911).
- Lecane crenata* (Harring) 1913
1913 *Monostyla crenata* Harring.
Locality: Qld (Russell 1961), Vic. (Shiel in prep.).
- Lecane flexilis* (Gosse) 1886
Locality: Vic. (Shiel in prep.).
- Lecane hamata* (Stokes) 1896
1896 *Monostyla hamata* Stokes.
Locality: Qld (Russell 1961), WA (Berzins 1963), Vic. (Shiel in prep.), N.S.W. (Murray 1913).
- Lecane ichthyoura* (Anderson & Shephard) 1892
1892 *Distyla ichthyoura* Anderson & Shephard.
Locality: Vic. (Anderson & Shephard 1892).
- Lecane leontina* (Turner) 1892
1892 *Cathypna leontina* Turner.
Locality: Qld (Colledge 1911).
- Lecane luna luna* (Müller) 1776
1886 *Cathypna luna*: Gosse.
Locality: N.S.W. (Whitelegge 1889), Qld (Thorpe 1889, Russell 1961), S.A. (Shiel in press), W.A. (Berzins 1953).
- Lecane lunaris* (Ehrenberg) 1832
1832 *Monostyla lunaris* Ehrenberg.
Locality: N.S.W. (Whitelegge 1889), Qld (Thorpe 1889), S.A., Vic. (Shiel in press).
- Lecane nana* (Murray) 1913
1913 *Cathypna nana* Murray.
Locality: Qld (Russell 1961).
- Lecane ohioensis* (Herrick) 1885
Locality: Qld (Colledge 1914), Vic. (Shiel in prep.).
- Lecane papuana* (Murray) 1913
Locality: Qld (Russell 1961).
- Lecane quadridentata* (Ehrenberg) 1832
1832 *Monostyla quadridentata* Ehrenberg
Locality: Qld (Colledge 1911), Vic. (Anderson & Shephard 1892).
- Lecane signifera ploenensis* (Voigt) 1902
Locality: Qld (Russell 1961), N.S.W. (Shiel in prep.).
- Lecane signifera signifera* (Jennings) 1896
Locality: Qld (Shiel in prep.).
- Lecane spenceri* (Shephard) 1892
1892 *Cathypna spenceri* Shephard.
Locality: Vic. (Shephard 1892).
- Lecane stenroosi* (Meissner) 1908
1908 *Monostyla stenroosi* Meissner.
Locality: Qld (Laird 1956, Russell 1957), N.S.W. (Sudzuki & Timms 1977).
- Lecane styrax* (Harring & Myers) 1926
Locality: Qld (Russell 1961).
- Lecane unguata unguata* (Gosse) 1887
1887 *Cathypna unguata* Gosse.
Locality: Qld (Colledge 1914, Russell 1961).
- Lecane unguata australiensis* Koste 1979
Locality: Vic. (Koste 1979).
- Lepadella acuminata* (Ehrenberg) 1834
1834 *Metopidia acuminata* Ehrenberg.
Locality: Qld (Colledge 1911).
- Lepadella ehrenbergi* (Perty) 1850
1850 *Metopidia ehrenbergi* Perty.
Locality: N.S.W. (Murray 1913).
- Lepadella heterostyla* (Murray) 1913
1913 *Metopidia heterostyla* Murray.
Locality: N.S.W. (Murray 1913).

- Lepadella oblouga* (Ehrenberg) 1834
1834 *Metopidia oblonga* Ehrenberg.
Locality: Qld (Colledge 1914).
- Lepadella ovalis* (Müller) 1786
1832 *Metopidia lepadella* Ehrenberg.
1851 *Metopidia solidus* Gosse.
Locality: N.S.W. (Whitelegge 1889), Qld (Thorpe 1889, Colledge 1911), Vic. (Anderson & Shephard 1892).
- Lepadella patella patella* (Müller) 1773
1889 *Metopidia lepadella* Hudson & Gosse.
1896 *Metopidia collaris* Stokes.
Locality: N.S.W. (Whitelegge 1889, Murray 1913), Qld (Colledge 1911), Vic. (Shiel in prep.), W.A. (Berzins 1953).
- Lepadella quinquecostata* (Lucks) 1912
1912 *Metopidia quinquecostata* Lucks.
Locality: N.S.W. (Murray 1913).
- Lepadella rhomboides* (Gosse 1886)
1886 *Metopidia rhomboides* Gosse.
Locality: N.S.W. (Murray 1911).
- Lepadella salpina* (Ehrenberg) 1834
1886 *Metopidia oxysternum* Gosse.
Locality: N.S.W. (Whitelegge 1889), Qld (Colledge 1911).
- Lepadella triptera* (Ehrenberg) 1830
1830 *Metopidia triptera* Ehrenberg.
Locality: Qld (Colledge 1911).
- Lepadella vitrea* (Shephard) 1911
1892 *Metopidia ovalis* (non Müller) Anderson & Shephard.
1911 *Metopidia vitrea* Shephard.
Locality: Qld (Colledge 1914), Vic. (Anderson & Shephard 1892).
- Linnias ceratophylli* Schrank 1803
1862 *Melicerta ceratophylli* Gosse.
Locality: N.S.W. (Whitelegge 1889), Qld (Thorpe 1889, Colledge 1909), Vic. (Anderson & Shephard 1892).
- Linnias granulatus* Weber 1888
Locality: Vic. (Anderson & Shephard, 1892).
- Linnias melicerta* Wiesse, 1848
1854 *Limnias annulatus* Bailey.
Locality: N.S.W. (Whitelegge 1889), Qld (Thorpe 1887), Vic. (Anderson & Shephard 1892).
- Lophocharis salpina* (Ehrenberg) 1834
1851 *Metopidia oxysternum* Gosse.
Locality: Qld (Colledge 1914), Vic. (Shiel in prep.).
- Macrochaetus collinsi* (Gosse) 1867
1867 *Dinocharis collinsi* Gosse.
Locality: Qld (Colledge 1911).
- Macrochaetus subquadratus* (Perty) 1850
1850 *Polychaetus subquadratus* Perty.
Locality: N.S.W. (Murray 1913).
- Macrotrachela armillata* (Murray) 1911
1911 *Callidina armillata* Murray.
Locality: N.S.W. (Murray 1911).
- Macrotrachela ehrenbergi* (Janson) 1893
1893 *Callidina ehrenbergi* Janson.
Locality: N.S.W. (Murray 1911).
- Macrotrachela formosa* (Murray) 1906
1906 *Callidina formosa* Murray.
Locality: N.S.W. (Murray 1911).
- Macrotrachela habita* (Bryce) 1894
1894 *Callidina habita* Bryce.
Locality: N.S.W., Qld (Murray 1911).
- Macrotrachela lepida* (Murray) 1911
1911 *Callidina lepida* Murray.
Locality: N.S.W. (Murray 1911).
- Macrotrachela longistyla* (Murray) 1911
1911 *Callidina longistyla* Murray.
Locality: N.S.W., Qld (Murray 1911).
- Macrotrachela microcoruis* (Murray) 1911
1911 *Callidina microcoruis* Murray.
Locality: N.S.W. (Murray 1911).
- Macrotrachela mirabilis* (Murray) 1911
1911 *Callidina mirabilis* Murray.
Locality: N.S.W. (Murray 1911).
- Macrotrachela multispinosa* Thompson, 1892
Locality: N.S.W., Qld (Murray 1911).
- Macrotrachela papillosa* Thompson, 1892
Locality: N.S.W., Qld (Murray 1911).
- Macrotrachela plicata* (Bryce) 1896
1896 *Callidina plicata* Bryce.
Locality: N.S.W. (Murray 1911).
- Macrotrachela punctata* (Murray) 1911
1911 *Callidina punctata* Murray.
Locality: N.S.W., Qld (Murray 1911).
- Macrotrachela quadricornifera* (Milne) 1886
1886 *Callidina quadricornifera* Milne.
Locality: N.S.W., Qld (Murray 1911).
- Macrotrachela serrulata* (Murray) 1911
1911 *Callidina serrulata* Murray.
Locality: N.S.W. (Murray 1911).
- Microcodidus chlaena* (Gosse) 1886
1886 *Stephanops chlaena* Gosse.
Locality: Qld (Colledge 1914).
- Microdon clavus* Ehrenberg 1830
Locality: N.S.W. (Whitelegge 1889).
- Mniobia russeola* (Zelinka) 1891
Locality: N.S.W. (Murray 1911).
- Mniobia scabrosa* Murray, 1911
Locality: N.S.W. (Murray 1911).
- Mniobia tetraodon* (Ehrenberg) 1848
Locality: N.S.W. (Murray 1911).
- Monommata aequalis* (Ehrenberg) 1832
1886 *Furcularia aequalis*:Hudson & Gosse.
Locality: Qld (Colledge 1911).
- Monommata longiseta* (Müller) 1786
1776 *Cercaria longiseta* Müller.
1786 *Vorticella longiseta*:Müller.
1816 *Furcularia longiseta*:Lamarck.

- Locality: N.S.W. (Whitelegge 1889), Qld (Thorpe 1889, Colledge 1911, Laird 1956, Russell 1957).
- Mytilina mucronata* (Müller) 1773
Locality: Vic. (Shiel in prep.).
- Mytilina trigona* (Gosse) 1851
1851 *Diplax trigona* Gosse.
Locality: Qld (Colledge 1911).
- Mytilina ventralis* (Ehrenberg) 1832
1832 *Salpina ventralis* Ehrenberg.
1886 *Salpina eustala* Gosse.
1886 *Salpina macrocantha* Gosse.
1891 *Salpina cortina* Thorpe.
Locality: N.S.W. (Whitelegge 1889), Qld (Thorpe 1887, 1889, Colledge 1911, 1914, Russell 1961), Vic. (Shiel in prep.).
- Mytilina ventralis brevispina* (Ehrenberg) 1832
1832 *Salpina brevispina* Ehrenberg.
Locality: Qld (Colledge 1911), Vic. (Anderson & Shephard 1892).
- Notommata aurita* (Müller) 1786
Locality: N.S.W. (Whitelegge 1889), Qld (Colledge 1911), Vic. (Anderson & Shephard 1892).
- Notommata cerberus* (Gosse) 1886
1886 *Copeus cerberus* Gosse.
Locality: N.S.W. (Whitelegge 1889), Qld (Colledge 1899).
- Notommata collaris* Ehrenberg, 1832
Locality: N.S.W. (Whitelegge 1889).
- Notommata copeus* Ehrenberg, 1834
1834 *Notommata centura* Ehrenberg.
1886 *Copeus ehrenbergi* Hudson & Gosse.
1886 *Copeus labiatus* Gosse.
1897 *Copeus copeus*: Collin.
Locality: N.S.W. (Whitelegge 1889), Vic. (Anderson & Shephard 1892), Qld (Colledge 1911).
- Notommata cyrtopus* Gosse, 1886
Locality: N.S.W. (Whitelegge 1889).
- Notommata lucinulata* Ehrenberg, 1830
Locality: Qld (Colledge 1914).
- Notommata pachyura* (Gosse) 1886.
1832 *Notommata ansata* Ehrenberg.
1886 *Copeus pachyurus* Gosse.
Locality: Vic. (Anderson & Shephard 1892); N.S.W. (Whitelegge 1889), Qld (Thorpe 1889, Colledge 1911).
- Notommata silpha* (Gosse, 1887)
1886 *Notommata forcipata* Gosse.
Locality: N.S.W. (Whitelegge 1889).
- Notommata tripus* Ehrenberg, 1838
1886 *Notommata pilarius* Gosse.
Locality: N.S.W. (Whitelegge 1889).
- Otostephanus auriculatus* (Murray) 1911
1911 *Habrotrocha auriculata* Murray.
Locality: N.S.W. (Murray 1911).
- Philodina australis* Murray 1911
Locality: N.S.W. (Murray 1911).
- Philodina brevipes* Murray, 1902
Locality: N.S.W. (Murray 1911).
- Philodina citrina* Ehrenberg, 1832
Locality: N.S.W. (Whitelegge 1889), Qld (Thorpe 1889), Vic. (Anderson & Shephard 1892).
- Philodina megalotrocha* Ehrenberg, 1832
Locality: Qld (Colledge 1914), Vic. (Shiel in prep.).
- Philodina plena* (Bryce) 1894
Locality: N.S.W., Qld (Murray 1911).
- Philodina roseola* Ehrenberg, 1832
Locality: N.S.W. (Whitelegge 1889), Vic. (Anderson & Shephard 1892).
- Philodina rugosa* Bryce, 1903
Locality: N.S.W., Qld (Murray 1911).
- Philodina varax* (Janson) 1893
Locality: Qld (Murray 1911).
- Platyius quadricornis* (Ehrenberg) 1832
1832 *Notus quadricornis* Ehrenberg.
Locality: N.S.W. (Whitelegge 1889), Qld (Colledge 1914), Vic. (Anderson & Shephard 1892, Berzins 1963).
- Ploesoma lenticulare* (Herrick) 1855
1838 ?*Euchlanis lynceus* Ehrenberg.
Locality: N.S.W. (Whitelegge 1889).
- Pleuretra alpium* (Ehrenberg) 1853
1853 *Callidina alpium* Ehrenberg.
Locality: N.S.W., Qld (Murray 1911).
- Pleuretra humerosa* (Murray) 1905
1905 *Philodina humerosa* Murray.
Locality: N.S.W. (Murray 1911).
- Pleurotrocha petromyzon* Ehrenberg, 1830
1886 *Proales petromyzon*: Hudson & Gosse.
Locality: N.S.W. (Whitelegge 1889), Vic. (Shiel in prep.).
- Polyarthra dolichoptera* (Idelson) 1925
Locality: N.S.W. (Shiel in prep.).
- Polyarthra longiremis* Carlin, 1943
Locality: Qld (Russell 1961), Vic. (Shiel in prep.).
- Polyarthra remata* (Skorikow) 1896
Locality: Vic. (Berzins 1963).
- Polyarthra vulgaris* Carlin, 1943
1838 *Polyarthra platyptera* Ehrenberg.
Locality: N.S.W. (Whitelegge 1889), Qld (Thorpe 1887, 1889, Russell 1961), Vic. (Anderson & Shephard 1892, Shiel 1978), S.A. (Shiel in press.).
- Pampholyx complanata* Gosse, 1851
Locality: Qld (Russell 1961), N.S.W., S.A., Vic. (Shiel in press.).
- Pampholyx sulcata* (Hudson) 1885
Locality: N.S.W. (Sudzuki & Timms in prep.), Vic. (Shiel in prep.).

- Proales daphnicola* Thompson, 1842
Locality: Vic. (Shiel in prep.).
- Proales decipiens* (Ehrenberg) 1831
1831 *Notommata decipiens* Ehrenberg.
Locality: N.S.W. (Whitelegge 1889).
- Proales gigantea* (Glascott) 1893
1893 *Notommata gigantea* Glascott.
Locality: Qld (Laird 1956, Russell 1957).
- Proales micropus* (Gosse) 1886
1886 *Furcularia micropus* Gosse.
Locality: Qld (Colledge 1911).
- Proales parasita* (Ehrenberg) 1838
1838 *Notommata parasita* Ehrenberg.
Locality: N.S.W. (Whitelegge 1889), Qld
(Colledge 1914).
- Proales similis exoculis* Berzins, 1953
Locality: W.A. (Berzins 1953).
- Proales sordida* Gosse, 1881
Locality: Qld (Colledge 1911).
- Proales werneckii* (Ehrenberg) 1834
1834 *Notommata werneckii* Ehrenberg.
Locality: N.S.W. (Whitelegge 1889).
- Proalopsis caudatus* (Collins) 1872
1886 *Copeus caudatus* Hudson & Gosse.
1872 *Notommata caudata*: Collins.
Locality: N.S.W. (Whitelegge 1889).
- Ptygura brachiata* (Hudson) 1886
1886 *Oecistes brachiatus* Hudson.
Locality: Qld (Colledge 1911).
- Ptygura cristata* (Murray) 1913
1913 *Oecistes cristatus* Murray.
Locality: N.S.W. (Murray 1913).
- Ptygura crystallina* (Ehrenberg) 1834
1834 *Oecistes crystallinus* Ehrenberg.
Locality: N.S.W. (Whitelegge 1889), Qld
(Colledge 1911), Vic. (Anderson &
Shephard 1892).
- Ptygura intermedia* (Davis) 1867
1867 *Oecistes intermedius* Davis.
Locality: N.S.W. (Whitelegge 1889), Vic.
(Anderson & Shephard 1892).
- Ptygura longicornis* (Davis) 1867
1867 *Oecistes longicornis* Davis.
Locality: N.S.W. (Whitelegge 1889), Vic.
(Anderson & Shephard 1892).
- Ptygura melicerta* (Ehrenberg) 1832
1886 *Oecistes ptygura* Hudson & Gosse.
Locality: N.S.W. (Whitelegge 1889).
- Ptygura pilula* (Cubitt) 1872
1872 *Melicerta pilula* Cubitt.
1878 *Oecistes pilula*: Wills.
Locality: N.S.W. (Whitelegge 1889).
- Ptygura wilsonii* (Anderson & Shephard) 1892
1892 *Oecistes wilsonii* Anderson & Shephard.
Locality: Vic. (Anderson & Shephard
1892).
- Resticula melandocus* (Gosse) 1887
1887 *Furcularia melandocus* Gosse.
Locality: Qld (Colledge 1911).
- Rhinoglena frontalis* (Ehrenberg) 1853
Locality: Vic. (Shiel in prep.).
- Rotaria exoculis* (de Koning) 1947.
Locality: W.A. (Berzins 1953).
- Rotaria haptica* (Gosse) 1886
1886 *Rotifer hapticus* Hudson & Gosse.
Locality: N.S.W. (Murray 1911).
- Rotaria macroceros* (Gosse) 1851
1851 *Rotifer macroceros* Gosse.
Locality: N.S.W. (Whitelegge 1889).
- Rotaria macrura* (Ehrenberg) 1832
1832 *Rotifer macrurus* Ehrenberg.
Locality: Qld (Thorpe 1889), N.S.W.
(Shiel in prep.).
- Rotaria montana* (Murray) 1911
1911 *Rotifer montanus* Murray.
Locality: N.S.W. (Murray 1911).
- Rotaria neptunia* (Ehrenberg) 1832
1832 *Actinurus neptunius* Ehrenberg.
1900 *Rotifer neptunius*: Jennings.
Locality: N.S.W. (Whitelegge 1889), Qld
(Thorpe 1887, 1889), W.A. (Berzins
1953), Vic. (Shiel in prep.).
- Rotaria rotatoria* (Pallas) 1766
1801 *Rotifer vulgaris* Schrank.
Locality: N.S.W. (Whitelegge 1889), Qld
(Thorpe 1889), Vic. (Anderson &
Shephard 1892).
- Rotaria sordida* (Western) 1893
1910 *Rotifer longirostris* Bryce.
Locality: N.S.W., Qld (Murray 1911).
- Rotaria tardigrada* (Ehrenberg) 1832
1838 *Rotifer tardus* Ehrenberg.
Locality: Qld (Thorpe 1889), Vic.
(Anderson & Shephard 1892).
- Rousseletia parrotti* (Russell) 1947
Locality: N.S.W. (Sudzuki & Timms
1977).
- Scaridium longicaudum* (Müller) 1786
1786 *Trichoda longicauda* Müller.
1886 *Scaridium cudactylosum* Gosse.
Locality: N.S.W. (Whitelegge 1889), Qld
(Thorpe 1887, 1889), Vic. (Shiel in
prep.).
- Scapanotrocha rubra* Bryce, 1910
Locality: N.S.W. (Murray 1911).
- Sinantherina semibullata* (Thorpe) 1889
1889 *Megalotrocha semibullata* Thorpe.
-Locality: Qld (Thorpe 1889, Colledge
1914).
- Sinantherina socialis* (Linnaeus) 1758
1838 *Megalotrocha alboflavicans* Ehrenberg.
Locality: Qld (Colledge 1914, Russell
1961).
- Sinantherina spinosa* (Thorpe) 1893
1893 *Megalotrocha spinosa* Thorpe.
Locality: Qld (Colledge 1914).

- Squatinella longispinata* (Tatem) 1867
1867 *Stephanops longispinatus* Tatem.
1886 *Stephanops unisetatus* Hudson & Gosse.
Locality: N.S.W. (Whitelegge 1899).
- Squatinella rostrum* (Schmarda) 1846
1830 *Stephanops lamellaris* Ehrenberg
Locality: Qld (Thorpe 1889).
- Squatinella tridentata* (Fresenius) 1858
1889 *Stephanops intermedius* Burn.
Locality: Qld (Colledge 1914).
- Squatinella tridentata mutica* (Ehrenberg) 1832
1832 *Stephanops muticus* Ehrenberg.
Locality: N.S.W. (Whitelegge 1889), Vic.
(Anderson & Shephard 1892).
- Stephanoceros fimbriatus* (Goldfuss, 1820)
1832 *Stephanoceros eichhornii* Ehrenberg.
1832 *Stephanops eichhornii*:Ehrenberg,
Locality: N.S.W. (Whitelegge 1889), Qld
(Colledge 1911, 1914).
- Stephanoceros millsi* (Kellicott) 1885
1885 *Floscularia millsi* Kellicott,
Locality: N.S.W. (Whitelegge 1889).
- Synchaeta baltica* Ehrenberg 1834
Locality: N.S.W. (Whitelegge 1889).
- Synchaeta longipes* (Gosse) 1887
Locality: Vic. (Shiel in prep.).
- Synchaeta oblonga* Ehrenberg, 1832
Locality: N.S.W. (Shiel in prep.).
- Synchaeta pectinata* Ehrenberg, 1832
Locality: Qld (Russell 1961), Vic. (Shephard 1911).
- Synchaeta stylata* Wierzejski, 1893
Locality: Qld (Colledge 1911), S.A.
(Shiel in prep.).
- Synchaeta tremula* (Müller) 1786
Locality: N.S.W. (Whitelegge 1889), Qld
(Colledge 1911), Vic. (Anderson &
Shephard 1892).
- Taphrocampa annulosa* Gosse, 1851
Locality: N.S.W. (Whitelegge 1889), Qld
(Colledge 1911).
- Taphrocampa selenura* Gosse, 1887
Locality: N.S.W. (Whitelegge 1889).
- Testudinella incisa* (Ternetz) 1892
1892 *Pterodina incisa* Ternetz.
Locality: Qld (Colledge 1914).
- Testudinella insinuata* Hauer, 1938
Locality: Qld (Russell, 1961).
- Testudinella intermedia* (Anderson) 1889
1889 *Pterodina intermedia* Anderson.
Locality: Vic. (Anderson & Shephard
1892).
- Testudinella patina* (Hermann) 1783
1830 *Pterodina patina*:Ehrenberg.
1871 *Pterodina valvata* Hudson,
Locality: N.S.W. (Whitelegge 1889),
Qld (Thorpe 1887, Russell 1961), Vic.
(Shephard 1899).
- Testudinella reflexa* (Gosse) 1887
1887 *Pterodina reflexa* Gosse.
Locality: N.S.W. (Whitelegge 1889), Qld
(Colledge 1914).
- Testudinella trilobata* (Anderson & Shephard)
1892
1892 *Pterodina trilobata* Anderson & Shephard.
Locality: Vic. (Anderson & Shephard
1892).
- Tetrasiphon hydrocorya* Ehrenberg, 1840
1885 *Copeus spicatus* Hudson.
Locality: N.S.W. (Whitelegge 1889).
- Trichocerca bicristata* (Gosse) 1887
1887 *Mastigocerca bicristata* Gosse.
1903 *Rattulus bicristatus*:Jennings.
Locality: Qld (Colledge 1911, 1914).
- Trichocerca birostris* (Minkiewicz) 1900
1900 *Mastigocerca birostris* Minkiewicz.
Locality: Qld (Colledge 1914).
- Trichocerca brachyura* (Gosse) 1851
1851 *Monocerca brachyura* Gosse.
1886 *Coelopus brachyurus*:Hudson & Gosse.
Locality: N.S.W. (Whitelegge 1889), Qld
(Colledge 1911).
- Trichocerca capucina* (Wierzejski & Zacharias)
1893
1903 *Rattulus capucinus* Jennings.
Locality: N.S.W. (Murray 1913), Qld
(Russell 1961).
- Trichocerca cylindrica chattoni* (De Beauchamp)
1907
Locality: N.S.W. (Koste unpubl.).
- Trichocerca dixonnuttalli* (Jennings) 1903
1903 *Diurella dixon-nuttalli* Jennings
Locality: Qld (Russell 1961).
- Trichocerca elongata* (Gosse) 1886
1886 *Mastigocerca elongata* Gosse.
1903 *Rattulus elongata* Jennings.
Locality: N.S.W. (Whitelegge 1889), Qld
(Colledge 1911, 1914).
- Trichocerca insignis* (Herrick) 1885
Locality: N.S.W. (Shiel in prep.).
- Trichocerca longiseta* (Schrank) 1802
1886 *Mastigocerca bicornis* Hudson & Gosse.
1903 *Rattulus longiseta* Jennings.
Locality: N.S.W. (Whitelegge 1889), Qld
(Colledge 1911).
- Trichocerca mucosa* (Stokes) 1896
1896 *Mastigocerca mucosa* Stokes.
1903 *Rattulus mucosus* Jennings.
Locality: Qld (Colledge 1911).
- Trichocerca porcellus* (Gosse) 1886
1851 *Coelopus porcellus* Gosse.
1903 *Diurella porcellus* Jennings.
Locality: N.S.W. (Whitelegge 1889), Qld
(Colledge 1911).
- Trichocerca porcellus* (Gosse) 1886
1851 *Coelopus porcellus* Gosse.

- 1903 *Diurella porcellus* Jennings.
Locality: N.S.W. (Whitelegge 1889), Qld
(Colledge 1911).
- Trichocerca pusilla* (Jennings) 1903
1903 *Rattulus pusillus* Jennings.
Locality: W.A. (Berzins 1953).
- Trichocerca rattus* (Müller) 1776
1830 *Mastigocerca carinata* Ehrenberg.
1860 *Rattulus carinatus* Lamarck.
1903 *Rattulus rattus* Jennings.
1913 *Trichocerca cristata* Harring.
Locality: N.S.W. (Whitelegge 1889), Qld
(Colledge 1911, Russell 1961), Vic.
(Anderson and Shephard 1892).
- Trichocerca rattus varinata* (Ehrenberg) 1830
Locality: Vic. (Shiel in prep.).
- Trichocerca rousselleti* (Voigt) 1902
Locality: S.A. (Shiel in prep.).
- Trichocerca similis* (Wierzejski) 1893
1851 *Mastigocerca stylata* Gosse.
1878 *Diurella stylata* Eyferth.
1893 *Rattulus bicornis* Western.
1900 *Mastigocerca birostris* Minkiewicz.
Locality: Qld (Thorpe 1889; Colledge
1911, 1914; Russell 1961), Vic., N.S.W.,
(Shiel in prep.).
- Trichocerca stylata* (Gosse) 1851
1903 *Rattulus stylatus* Jennings.
Locality: Vic. (Shiel in prep.).
- Trichocerca tenulor* (Gosse) 1886
1886 *Coelopus tenulor* Gosse.
1903 *Diurella tenulor* Jennings.
Locality: N.S.W. (Whitelegge 1889), Qld
(Thorpe 1889).
- Trichocerca tigris* (Müller) 1786
1786 *Rattulus tigris* Müller.
Locality: N.S.W. (Whitelegge 1889), Qld
(Colledge 1911), Vic. (Shiel in prep.).
- Trichocerca weberi* (Jennings) 1903
1903 *Diurella weberi* Jennings.
Locality: Qld (Russell 1961).
- Trichotria pocillum* (Müller) 1776
1830 *Dinocharis pocillum* Ehrenberg.
Locality: N.S.W. (Whitelegge 1889), Qld
(Colledge 1911).
- Trichotria tetractis* (Ehrenberg) 1830
1830 *Dinocharis tetractis* Ehrenberg.
Locality: N.S.W. (Whitelegge 1889), Qld.
(Colledge 1914), Vic. (Anderson &
Shephard 1892).
- Trichotria truncata* (Whitelegge) 1889
1889 *Dinocharis truncatum* Whitelegge.
Locality: N.S.W. (Whitelegge 1889).
- Tripleuchlanis plicata* (Levander) 1894
1894 *Euchlanis plicata* Levander.
Locality: Qld (Russell 1961).
- Trochosphaera equatorialis* (Semper) 1872
Locality: Qld (Thorpe 1889).

The following species are listed by Pejler (1977:266, 267; Table 1) as recorded from the Australian region. They are listed separately from the Index, as no published Australian record could be found, although most are recorded from New Zealand by Russell (1960), *Brachionus zahniseri* Ahlstrom, 1934, *Keratella ahlstromi* Russell, 1951, *Keratella crassa* Ahlstrom, 1943, *Keratella edmondsoni* Ahlstrom, 1943, *Keratella sancta* Russell, 1944, *Notholca foliacea* (= *Argonotholca foliacea* Ehrenberg, 1838), *Notholca squamula* (Müller) 1786.

Incertae sedis

In the course of the literature search several names were found to be *nomina dubia*. These, together with valid species for which inadequate information was available for inclusion in the Index, are listed below. Source and locality data are also given.

- Cochleare turbo* Gosse, 1886
Locality: Qld (Colledge 1911).
- Floscularia chimuera* Hudson & Gosse, 1889.
Locality: Qld (Hudson & Gosse 1889).
- Melicerta bursdorffue* Colledge, 1924.
Locality: Qld (Colledge 1924).
- Melicerta coloniensis*
Locality: Qld (Colledge 1924).
- Microdida chlaena* (= ?*Microcodidus chlaena* Gosse)
Locality: Qld (Colledge 1914).
- Rattulus sejunctipes* Gosse 1886
1903 *Diurella sejunctipes* Jennings,
Locality: N.S.W. (Whitelegge 1889).
- Synchaeta ovalis* (= ?*Chromogaster ovalis* Bergendal)
Locality: Qld (Colledge 1911)
- Triopthalmus dorsualis* (Ehrenberg) 1830
1830 *Notops dorsualis* Ehrenberg,
Locality: N.S.W. (Whitelegge 1889), Qld
(Colledge 1914).
- Triopthalmus longiseta*
Locality: Qld (Colledge 1911).

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